

## AMENDMENTS

### In the claims:

Please amend the claims to read as indicated below.

- 1-18. (cancelled).
19. (new) A method for obtaining a protein from a transgenic host plant, wherein the gene coding for said protein is not expressed until said transgenic host plant has been harvested, said method comprising the steps of:
- (a) obtaining a transgenic host plant comprising a gene coding for a protein such that the gene is only expressed in the presence of a chemical inductor;
  - (b) harvesting said transgenic host plant;
  - (c) contacting said harvested transgenic host plant with said chemical inductor in a reaction container via a gas phase surrounding said harvested transgenic host plant, wherein the gas in said gas phase is rapidly displaced by said chemical inductor in its gaseous form; and
  - (d) isolating said protein.
20. (new) The method of claim 19, wherein said chemical inductor is selected from the group consisting of nitrogen, carbon dioxide, ethylene, and ethanol.
21. (new) The method of claim 19, wherein said gene is functionally linked to an inducible promoter.
22. (new) The method of claim 21, wherein said inducible promoter is a promoter inactive under aerobic conditions.
23. (new) The method of claim 22, wherein said promoter is the GapC4 promoter.
24. (new) The method of claim 19, wherein said gene is capable of being expressed by compensating for the functional inhibition of one of the translation and transcription of said gene.
25. (new) The method of claim 24, wherein a nucleic acid is inserted between said gene and a promoter functionally linked to said gene, wherein said nucleic acid is capable of preventing one of the transcription and translation of said gene, wherein said gene is capable of being expressed upon excision of said nucleic acid.
26. (new) The method of claim 25, wherein said nucleic acid is capable of being excised by an inducible recombinase.

27. (new) The method of claim 26, wherein said nucleic acid and said inducible recombinase are constituents of the recombinase-LBD system.
28. (new) The method of claim 19, wherein said gene is capable of being expressed by compensating for the effect of one of transcriptional, post-transcriptional, translational, and post-translation repressors.
29. (new) The method of claim 19, wherein said transgenic host plant is selected from the group consisting of wheat, barley, corn, sugar beet, sugar cane, potato, brassicaceae, leguminous plant, and tobacco.